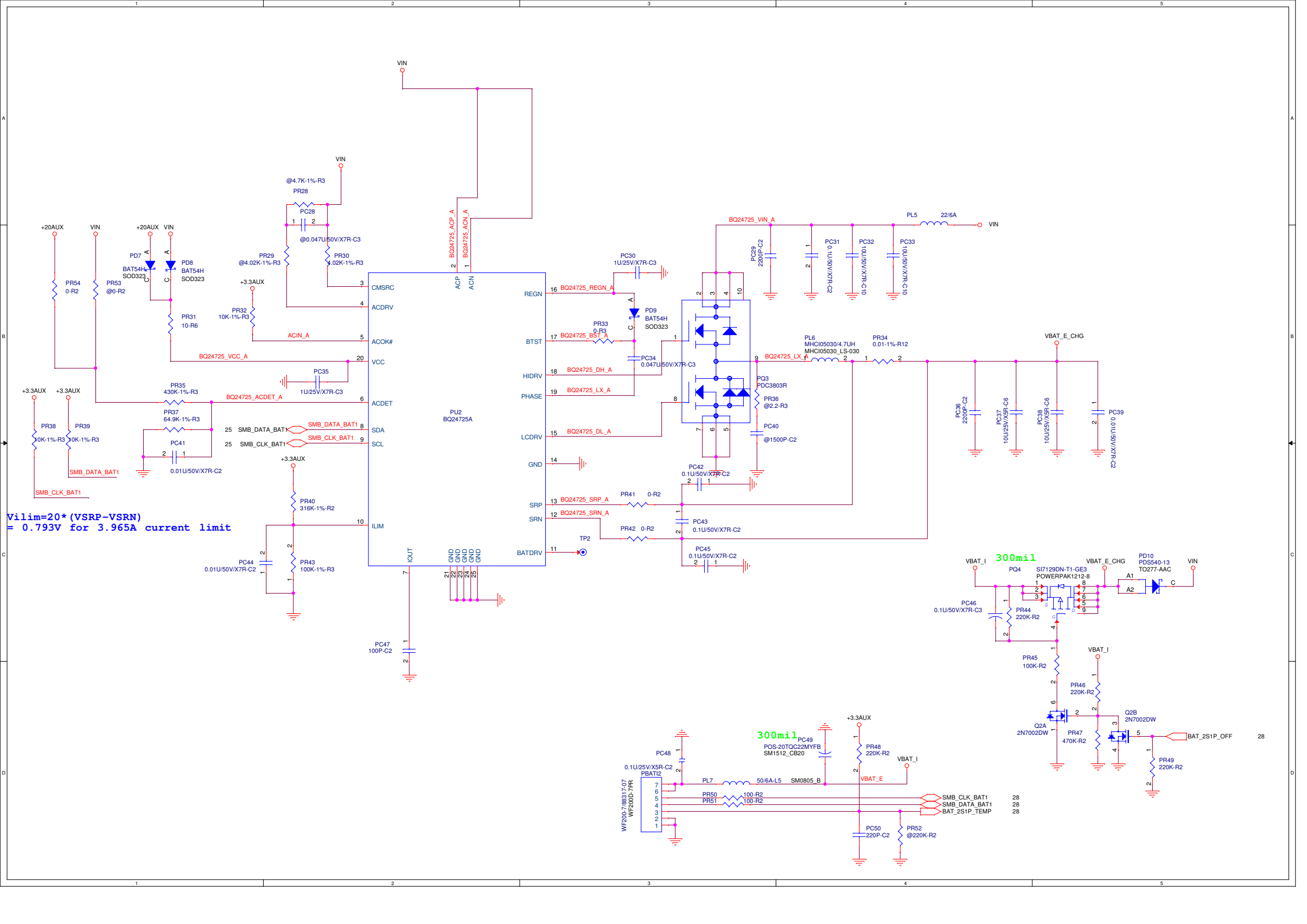
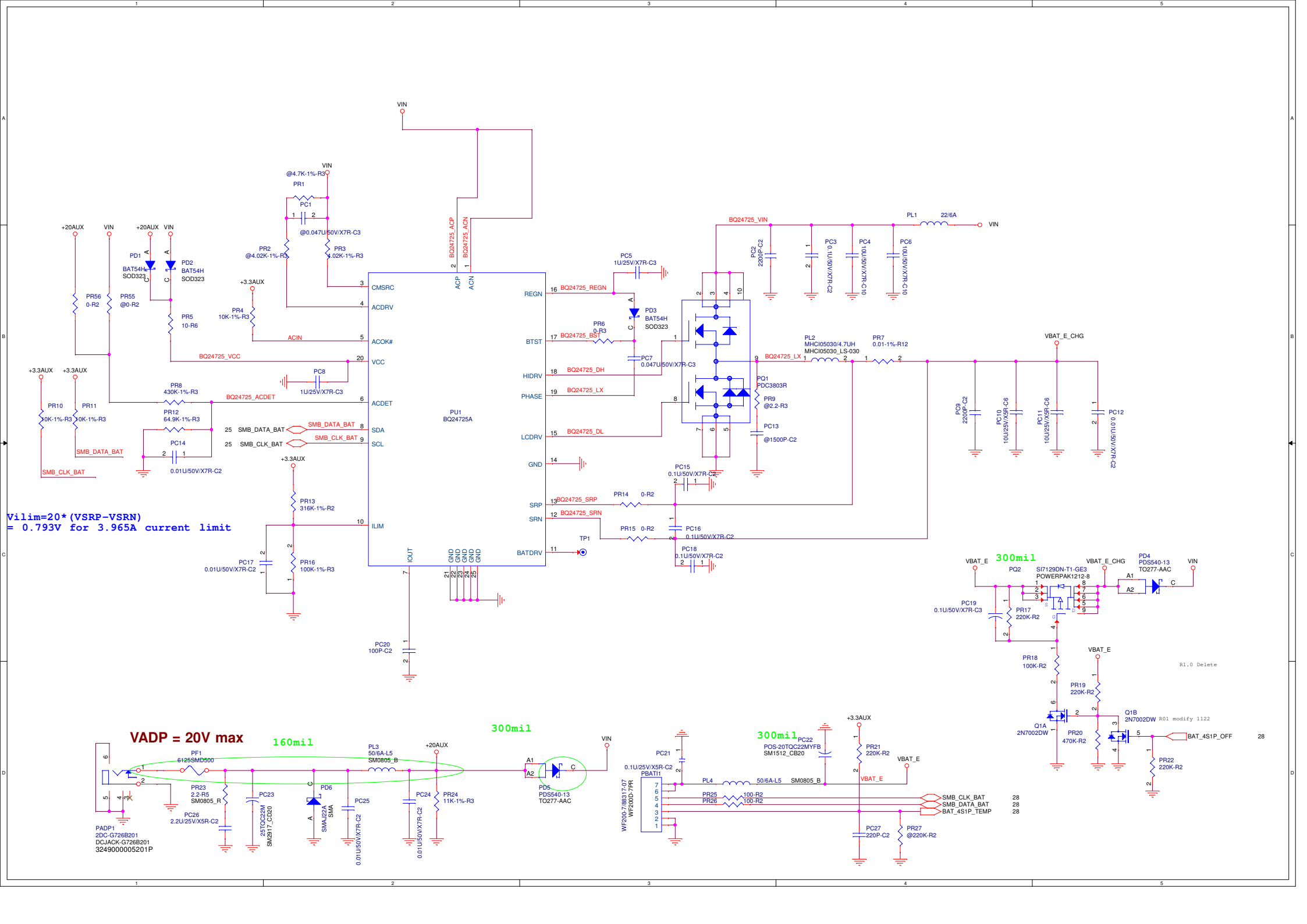

VIN
+20AUX
+3.3AUX
PR54 0-R2
PR53 @0-R2
PD7 BAT54H SOD323
PD8 BAT54H SOD323
PR31 10-R6
PR32 10K-1%-R3
PR28 @4.7K-1%-R3
PC28 @0.047U/50V/X7R-C3
PR29 @4.02K-1%-R3
PR30 4.02K-1%-R3
ACIN_A
BQ24725_VCC_A
PC35 1U/25V/X7R-C3
PR35 430K-1%-R3
BQ24725_ACDET_A
PR37 64.9K-1%-R3
PC41 0.01U/50V/X7R-C2
PR38 10K-1%-R3
PR39 10K-1%-R3
SMB_DATA_BAT1
SMB_CLK_BAT1
PR40 316K-1%-R2
PR43 100K-1%-R3
PC44 0.01U/50V/X7R-C2
PC47 100P-C2
PU2 BQ24725A
CMSRC
ACDRV
ACOK#
VCC
ACDET
SDA
SCL
ILIM
IOUT
ACP
ACN
REGN
BTST
HIDRV
PHASE
LCDRV
GND
SRP
SRN
BATDRV
BQ24725_ACP_A
BQ24725_ACN_A
BQ24725_REGN_A
BQ24725_BST_A
BQ24725_DH_A
BQ24725_LX_A
BQ24725_DL_A
BQ24725_SRP_A
BQ24725_SRN_A
PC30 1U/25V/X7R-C3
PD9 BAT54H SOD323
PR33 0-R3
PC34 0.047U/50V/X7R-C3
PC42 0.1U/50V/X7R-C2
PR41 0-R2
PR42 0-R2
PC43 0.1U/50V/X7R-C2
PC45 0.1U/50V/X7R-C2
TP2
BQ24725_VIN_A
PC29 2200P-C2
PC31 0.1U/50V/X7R-C2
PC32 10U/50V/X7R-C10
PC33 10U/50V/X7R-C10
PL5 22/6A
PL6 MHCI05030/4.7UH MHCI05030_LS-030
BQ24725_LX
PR34 0.01-1%-R12
PQ3 PDC3803R
PR36 @2.2-R3
PC40 @1500P-C2
VBAT_E_CHG
PC36 2200P-C2
PC37 10U/25V/X5R-C6
PC38 10U/25V/X5R-C6
PC39 0.01U/50V/X7R-C2
Vilim=20*(VSRP-VSRN)
= 0.793V for 3.965A current limit
VBAT_I
300mil
PQ4 SI7129DN-T1-GE3 POWERPAK1212-8
PD10 PDS540-13 TO277-AAC
PC46 0.1U/50V/X7R-C3
PR44 220K-R2
PR45 100K-R2
PR46 220K-R2
Q2A 2N7002DW
Q2B 2N7002DW
PR47 470K-R2
PR49 220K-R2
BAT_2S1P_OFF
PC48 0.1U/25V/X5R-C2
PC49 POS-20TQC22MYFB SM1512_CB20
PR48 220K-R2
PBATI2
WF200-7/88317-07 WF200D-7PR
PL7 50/6A-L5 SM0805_B
VBAT_E
PR50 100-R2
PR51 100-R2
SMB_CLK_BAT1
SMB_DATA_BAT1
BAT_2S1P_TEMP
PC50 220P-C2
PR52 @220K-R2


VIN
+20AUX
+3.3AUX
PD1 BAT54H SOD323
PD2 BAT54H SOD323
PR56 0-R2
PR55 @0-R2
PR5 10-R6
PR1 @4.7K-1%-R3
PC1 @0.047U/50V/X7R-C3
PR2 @4.02K-1%-R3
PR3 4.02K-1%-R3
PR4 10K-1%-R3
ACIN
BQ24725_VCC
PC8 1U/25V/X7R-C3
PR8 430K-1%-R3
BQ24725_ACDET
PR10 10K-1%-R3
PR11 10K-1%-R3
PR12 64.9K-1%-R3
PC14 0.01U/50V/X7R-C2
SMB_DATA_BAT
SMB_CLK_BAT
PR13 316K-1%-R2
PR16 100K-1%-R3
PC17 0.01U/50V/X7R-C2
PC20 100P-C2
PU1 BQ24725A
CMSRC
ACDRV
ACOK#
VCC
ACDET
SDA
SCL
ILIM
IOUT
ACP
ACN
REGN
BTST
HIDRV
PHASE
LCDRV
GND
SRP
SRN
BATDRV
BQ24725_ACP
BQ24725_ACN
BQ24725_REGN
BQ24725_BST
BQ24725_DH
BQ24725_LX
BQ24725_DL
BQ24725_SRP
BQ24725_SRN
PC5 1U/25V/X7R-C3
PR6 0-R3
PD3 BAT54H SOD323
PC7 0.047U/50V/X7R-C3
PC15 0.1U/50V/X7R-C2
PR14 0-R2
PR15 0-R2
PC16 0.1U/50V/X7R-C2
PC18 0.1U/50V/X7R-C2
TP1
BQ24725_VIN
PC2 2200P-C2
PC3 0.1U/50V/X7R-C2
PC4 10U/50V/X7R-C10
PC6 10U/50V/X7R-C10
PL1 22/6A
PL2 MHCI05030/4.7UH MHCI05030_LS-030
PR7 0.01-1%-R12
PQ1 PDC3803R
PR9 @2.2-R3
PC13 @1500P-C2
VBAT_E_CHG
PC9 2200P-C2
PC10 10U/25V/X5R-C6
PC11 10U/25V/X5R-C6
PC12 0.01U/50V/X7R-C2
Vilim=20*(VSRP-VSRN)
= 0.793V for 3.965A current limit
VBAT_E
300mil
PQ2 SI7129DN-T1-GE3 POWERPAK1212-8
PD4 PDS540-13 TO277-AAC
PC19 0.1U/50V/X7R-C3
PR17 220K-R2
PR18 100K-R2
PR19 220K-R2
Q1A 2N7002DW
Q1B 2N7002DW
R01 modify 1122
PR20 470K-R2
PR22 220K-R2
BAT_4S1P_OFF
R1.0 Delete
VADP = 20V max
160mil
PF1 6125SMD500
PL3 50/6A-L5 SM0805_B
PR23 2.2-R5 SM0805_R
PC23 25TQC22M SM2917_CD20
PD6 SMA22A SMA
PC25 0.01U/50V/X7R-C2
PC24 0.01U/50V/X7R-C2
PR24 11K-1%-R3
PC26 2.2U/25V/X5R-C2
PADP1 2DC-G726B201 DCJACK-G726B201 3249000005201P
PD5 PDS540-13 TO277-AAC
PC21 0.1U/25V/X5R-C2
PBATI1 WF200-7/88317-07 WF200D-7PR
PC22 POS-20TQC22MYFB SM1512_CB20
PL4 50/6A-L5 SM0805_B
PR21 220K-R2
PR25 100-R2
PR26 100-R2
PC27 220P-C2
PR27 @220K-R2
SMB_CLK_BAT 28
SMB_DATA_BAT 28
BAT_4S1P_TEMP 28